

## CLAIMS

What is claimed is:

- Detail
1. A pharmaceutical composition having neurotrophic activity, comprising a  
biologically active amount of at least two cytokines or functionally active  
5 derivatives or parts thereof wherein at least one of said cytokines is BMP, GDF,  
TGF- $\beta$  or GDNF.
  2. The pharmaceutical composition according to Claim 1, wherein the cytokines  
are selected from the group consisting of GDF, GDNF, TGF, activin A, BMP,  
BDNF, NGF, NT, EGF, CNTF and FGF.
  - 10 3. The pharmaceutical composition according to Claim 1, comprising GDF-5 and  
NGF.
  4. The pharmaceutical composition according to Claim 1, comprising GDF-5 and  
NT-3.
  5. The pharmaceutical composition according to Claim 1, comprising GDNF and  
15 TGF- $\beta$ .
  6. The pharmaceutical composition according to Claim 1, comprising GDF-5 and  
GDNF.

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7. The pharmaceutical composition according to Claim 1, comprising TGF- $\beta$  and FGF-2.
  8. The pharmaceutical composition according to Claim 1, comprising TGF- $\beta$  and CNTF.
  - 5 9. The pharmaceutical composition according to Claim 1, comprising TGF- $\beta$  and NT-3.
  10. The pharmaceutical composition according to Claim 1, comprising TGF- $\beta$  and NGF.
  - 10 11. The pharmaceutical composition according to Claim 1, comprising BMP-4 and NGF.
  12. The pharmaceutical composition according to Claim 1, comprising BMP-12 and NGF.
  13. The pharmaceutical composition according to Claim 1, comprising BMP-2 and NT-3.
  - 15 14. The pharmaceutical composition according to Claim 1, comprising BMP-7 and NT-3.
  15. The pharmaceutical composition according to Claim 1, comprising BMP-12 and NT-3.

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16.

The pharmaceutical composition of Claim 1 further comprising a pharmaceutically acceptable carrier, diluent or any combination thereof.

*add a2*

*Add B2*

*add C5*

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